



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 09 2014

REPLY TO THE ATTENTION OF:

Ms. Kristin Hart
Chief
Permits and Stationary Source Modeling Section
Bureau of Air Management
Wisconsin Department of Natural Resources
PO Box 7921
Madison, Wisconsin 53707-7921

Dear Ms. Hart:

The U.S. Environmental Protection Agency has the following comments on the Wisconsin Department of Natural Resources' (WDNR) draft revision to the construction permit for Joy Global-Surface Mining (#12-RSG-158). The draft permit authorizes the facility to operate surface coating operations and emit a combined total of up to 41,500 pounds per month of Volatile Organic Compounds (VOCs) across its three plants.

In order to ensure that the project meets Federal Clean Air Act requirements, that the permit will provide necessary information so that the basis for the permit decision is transparent and readily accessible to the public, and that the permit record provides adequate support for the decision, EPA has the following comments:

1. Page 4 of the draft permit requires the facility to maintain monthly records of the VOC coating used, VOC content of each coating and solvent, and perform calculations to determine the amount of VOC emitted each month for the National Avenue and Orchard Street plant separately. The permit also requires that the facility calculate the combined monthly VOC emissions from the National Avenue, Orchard Street, and Washington Street plant. However, the permit does not require the facility to perform recordkeeping or calculate the monthly VOC emissions for the Washington Street plant individually. In order for the emission limit to be enforceable it is important that appropriate recordkeeping be included for each process in the permit. Please add the necessary recordkeeping requirements to ensure compliance for the Washington Street plant.
2. EPA guidance states that if the permitting authority finds that it is infeasible to limit the operation parameters (e.g. gallons of coating used) of surface coating operations due to the wide variety of coatings and products and due to the unpredictable nature of the operation, VOC emission limits coupled with a requirement to calculate daily emission may be used to restrict the potential to emit.¹ The draft permit as written allows the facility to keep monthly records of the amount of coating and solvent used and the VOC

¹ See page 8 of the June 13, 1989, Memorandum from Terrell E. Hunt, EPA, Guidance on Limiting Potential to Emit in New Source Permitting, <http://www.epa.gov/region07/air/nsr/nsrmemos/limitpotl.pdf>

content of each coating and solvent used. EPA believes that in order to ensure enforceability of the permit conditions the facility should be required to maintain daily records of the amount of solvent and coating used. Please change the recordkeeping requirements to require daily recordkeeping or provide a clear justification as to what operating procedures the facility undertakes that would make monthly recordkeeping a more appropriate.

We look forward to working with you to address all of our comments. If you have any further questions, please feel free to contact Andrea Morgan, of my staff, at (312) 353-6058.

Sincerely,

A handwritten signature in cursive script, reading "Genevieve Damico".

Genevieve Damico
Chief
Air Permits Section